

=> e paspalinine

E1	2	PASPALINIC/BI
E2	1	PASPALININ/BI
E3	6 -->	PASPALININE/BI
E4	3	PASPALITREM/BI
E5	4	PASPALOIDES/BI
E6	35	PASPALUM/BI
E7	1	PASPAT/BI
E8	1	PASPER/BI
E9	5	PASPER2/BI
E10	1	PASPERTIN/BI
E11	1	PASPHEN/BI
E12	1	PASPHENE/BI

=> s e3

L1 6 PASPALININE/BI

=> d 1-6

L1 ANSWER 1 OF 6 REGISTRY COPYRIGHT 2007 ACS on STN

RN 151341-78-5 REGISTRY

ED Entered STN: 19 Nov 1993

CN L-Valine, N,N-dimethyl-, 3,4,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-2,2,13b,13c-tetramethyl-4-oxo-2H-3,15a-epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-6-yl ester, [3R-(3 α ,5b α ,6 α ,7a β ,13b α ,13c β ,15a α)]-(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indole, L-valine deriv.

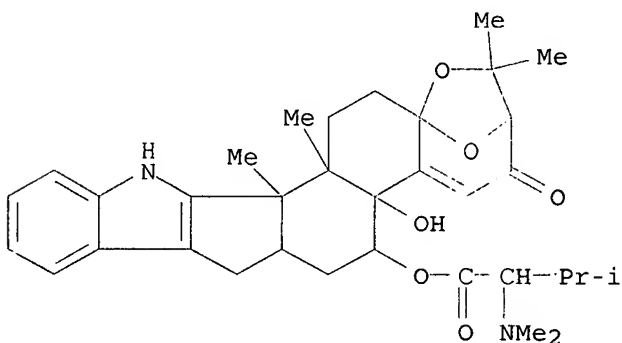
OTHER NAMES:

CN 14 α -(N,N-Dimethyl-L-valyloxy)paspalinine

MF C34 H44 N2 O6

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 2 OF 6 REGISTRY COPYRIGHT 2007 ACS on STN

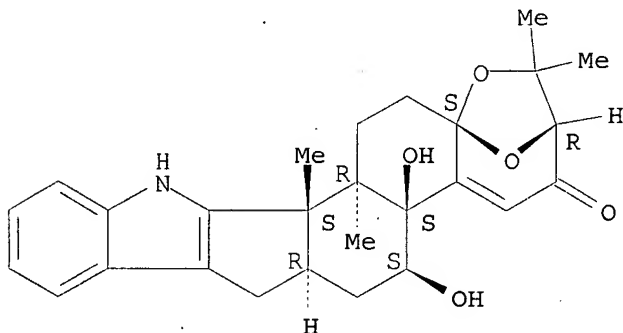
RN 151341-77-4 REGISTRY

ED Entered STN: 19 Nov 1993

CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one, 2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b,6-dihydroxy-2,2,13b,13c-tetramethyl-, [3R-(3 α ,5b α ,6 α ,7a β ,13b α ,13c β)]-

a.,15a α)]- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 14 α -Hydroxypaspalinine
 FS STEREOSEARCH
 MF C27 H31 N O5
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

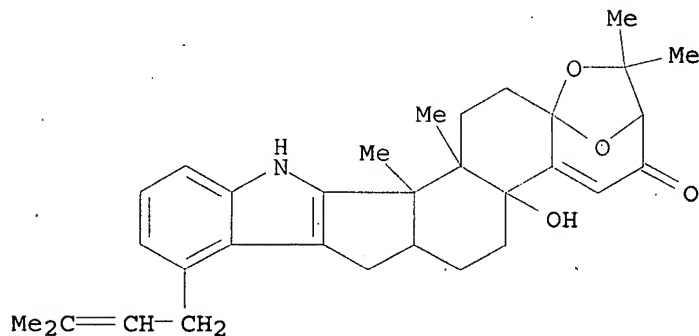
L1 ANSWER 3 OF 6 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 90866-61-8 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,
 2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-2,2,13b,13c-
 tetramethyl-9-(3-methyl-2-butenyl)-, (3R,5bS,7aS,13bS,13cR,15aS)- (9CI)
 (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,
 2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-2,2,13b,13c-
 tetramethyl-9-(3-methyl-2-butenyl)-, [3R-(3 α ,5b α ,7a β ,13b.
 alpha.,13c β ,15a α)]-

OTHER NAMES:

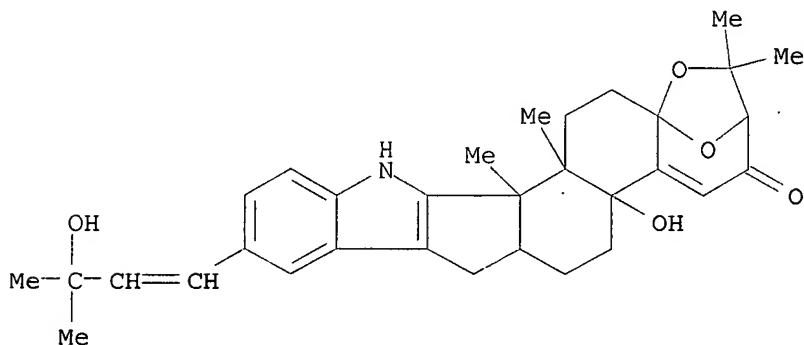
CN 4-(3-Methyl-2-butenyl)paspalinine
 CN Paspalitrem C
 MF C32 H39 N O4
 LC STN Files: AGRICOLA, BIOSIS, CA, CAPLUS, NAPRALERT, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

7 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 4 OF 6 REGISTRY COPYRIGHT 2007 ACS on STN
RN 63764-58-9 REGISTRY
ED Entered STN: 16 Nov 1984
CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,
2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-10-[(1E)-3-hydroxy-3-methyl-1-butenyl]-2,2,13b,13c-tetramethyl-, (3R,5bS,7aS,13bS,13cR,15aS)-(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,
2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-10-(3-hydroxy-3-methyl-1-butenyl)-2,2,13b,13c-tetramethyl-, [3R-[3 α ,5b α ,7a β ,10(E),13b α ,13c β ,15a α]]-
OTHER NAMES:
CN 19-(3-Hydroxy-3-methyl-1-butenyl)paspalinine
CN Paspalitrem B
MF C32 H39 N O5
LC STN Files: BEILSTEIN*, CA, CAPLUS, NAPRALERT, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)

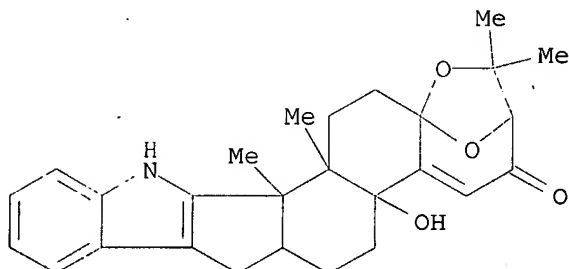


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

7 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 5 OF 6 REGISTRY COPYRIGHT 2007 ACS on STN
RN 63722-91-8 REGISTRY
ED Entered STN: 16 Nov 1984
CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,
2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-2,2,13b,13c-tetramethyl-, (3R,5bS,7aS,13bS,13cR,15aS)-(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,
2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-2,2,13b,13c-tetramethyl-, [3R-(3 α ,5b α ,7a β ,13b α ,13c β ,15a α lpha.)]]-
OTHER NAMES:
CN (+)-Paspalinine
CN 11-Hydroxypaspalicine

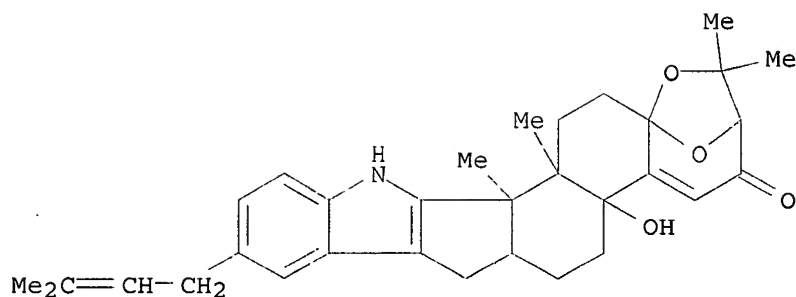
CN Paspalalinin
 CN Paspalinine
 MF C27 H31 N O4
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, CA, CAPLUS, CASREACT,
 CHEMINFORMRX, EMBASE, MEDLINE, NAPRALERT, TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

25 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 25 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 6 OF 6 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 63722-90-7 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,
 2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-2,2,13b,13c-
 tetramethyl-10-(3-methyl-2-buten-1-yl)-, (3R,5bS,7aS,13bS,13cR,15aS)- (CA
 INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,
 2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-2,2,13b,13c-
 tetramethyl-10-(3-methyl-2-butenyl)-, [3R-(3 α ,5b α ,7a β ,13b
 α ,13c β ,15a α)]-
 CN 4H-3,15a-Epoxy-1-benzoxepino[6',7':6,7]indeno[1,2-b]indol-4-one,
 2,3,5b,6,7,7a,8,13,13b,13c,14,15-dodecahydro-5b-hydroxy-2,2,13b,13c-
 tetramethyl-10-(3-methyl-2-butenyl)-, (3R,5bS,7aS,13bS,13cR,15aS)- (9CI)
 OTHER NAMES:
 CN 19-(3-Methyl-2-butenyl)paspalinine
 CN Paspalitrem A
 MF C32 H39 N O4
 LC STN Files: AGRICOLA, BEILSTEIN*, BIOSIS, CA, CAPLUS, NAPRALERT,
 TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

8 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

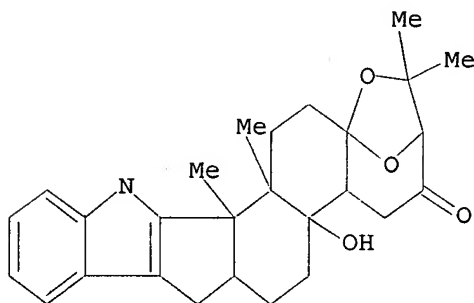
Uploading C:\Documents and Settings\pdickinson\My Documents\Paspalnine Revised.str

L2 STRUCTURE UPLOADED

=> d 12

L2 HAS NO ANSWERS

L2 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 12

SAMPLE SEARCH INITIATED 09:32:03 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 8 TO ITERATE

100.0% PROCESSED 8 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 8 TO 329

PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L2

=> s 12 full

FULL SEARCH INITIATED 09:32:08 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 120 TO ITERATE

100.0% PROCESSED 120 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L4 0 SEA SSS FUL L2

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

194.15

194.57

FILE 'CAPLUS' ENTERED AT 09:32:38 ON 30 AUG 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 30 Aug 2007 VOL 147 ISS 10

FILE LAST UPDATED: 29 Aug 2007 (20070829/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l2

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 09:32:42 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 8 TO ITERATE

100.0% PROCESSED

8 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 8 TO 329

PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L2

L6 0 L5

=> file beilstein

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.47

195.96

FILE 'BEILSTEIN' ENTERED AT 09:33:11 ON 30 AUG 2007
COPYRIGHT (c) 2007 Beilstein-Institut zur Foerderung der Chemischen Wissenschaften
licensed to Beilstein GmbH and MDL Information Systems GmbH

FILE LAST UPDATED ON June 25, 2007

FILE COVERS 1771 TO 2007.

*** FILE CONTAINS 10,004,722 SUBSTANCES ***

>>>PLEASE NOTE: Reaction Data and substance data are stored in
separate documents and can not be searched together in one query.
Reaction data for BEILSTEIN compounds may be displayed
immediately with the display codes PRE (preparations) and REA
(reactions). A substance answer set retrieved after the search
for a chemical name, a compounds with available reaction
information by combining with PRE/FA, REA/FA or more generally
with RX/FA. The BEILSTEIN Registry Number (BRN) is the link
between a BEILSTEIN compound and belonging reactions. For mo
detailed reaction searches BRNs can be searched as reaction
partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN).<<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE <<<

* PLEASE NOTE THAT THERE ARE NO FORMATS FREE OF COST. *
* SET NOTICE FEATURE: THE COST ESTIMATES CALCULATED FOR SET NOTICE *
* ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE; THESE *
* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS. *
* FOR PRICE INFORMATION SEE HELP COST *

NEW

* PATENT NUMBERS (PN) AND BABS ACCESSION NUMBERS (BABSAN) CAN NOW BE
SEARCHED, SELECTED AND TRANSFERRED.
* NEW DISPLAY FORMATS ALLREF, ALLP AND BABSAN SHOW ALL REFERENCES,
ALL PATENT REFERENCES, OR ALL BABS ACCESSION NUMBERS FOR A
COMPOUND AT A GLANCE.

=> d his

(FILE 'HOME' ENTERED AT 09:23:55 ON 30 AUG 2007)

FILE 'REGISTRY' ENTERED AT 09:25:02 ON 30 AUG 2007
E PASPALININE

L1 6 S E3
L2 STRUCTURE UPLOADED
L3 0 S L2
L4 0 S L2 FULL

FILE 'CAPLUS' ENTERED AT 09:32:38 ON 30 AUG 2007
S L2

FILE 'REGISTRY' ENTERED AT 09:32:41 ON 30 AUG 2007
L5 0 S L2

FILE 'CAPLUS' ENTERED AT 09:32:42 ON 30 AUG 2007
L6 0 S L5

FILE 'BEILSTEIN' ENTERED AT 09:33:11 ON 30 AUG 2007

=> s l2

SAMPLE SEARCH INITIATED 09:33:24 FILE 'BEILSTEIN'
SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED

2 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:	ONLINE	**COMPLETE**
	BATCH	**COMPLETE**
PROJECTED ITERATIONS:	2 TO	124
PROJECTED ANSWERS:	0 TO	0

L7 0 SEA SSS SAM L2